

6/1/79  
Berg

Weather: overcast/rain

pH: 7.75

Air: 51°F

Water: 42°F, 10 cfs

Clear water with little silt. 1' wide

Stream at time of survey was  
flowing at flood stage and

occupied entire channel

throughout surveyed area.

Small tributary

1 cfs

Fairly stable  
grass covered banks  
to wetted area

5% slope for 100'+

50% sand and small gravel  
less than 2", 50% gravel/  
cobble 2"-12"

Loose substrate throughout

$300' \times 17.5' \times 0.70 = 337.5 \text{ m}^2 \text{ ASA}$

Sparse alder

Stream substrate covered with enteromorpha  
and brown algae

$15' \times 70' \times 0.30 = 77.1 \text{ m}^2 \text{ ASA}$

15' wide riffles  
5" deep

Predominate spruce  
forest

\* 1 adult black  
bear observed  
feeding on beach

3" deep  
2' riffle  
width

Excellent shellfish  
habitat

Butter and littleneck clam  
shells in abundance

Zostera

High  
Tide

Dense young  
spruce

103-90-059

Head of Edna Bay

520'  
(157.6m)

80' flood plain  
20' riffles

(90.9 m)

300'

320°

1%

70% ASA

Good upper ITZ  
spawning habitat

Cutbank

5% slope for 100'+

15' riffle width  
6" deep  
0/100 p/r

220'  
(66.7 m)

(21.2 m)

Good ITZ spawning  
habitat

Salmonberry, devil's club  
and ferns

150'  
(45.5 m)

Sparse alder through ITZ

(45.5 m)

150'

1%

270°

10' riffle width (6" deep)  
Enteromorpha and fucus in profusion  
on substrate

$12' \times 150' \times 0.80 = 132 \text{ m}^2 \text{ ASA}$

Craig D-5

Kosciusko Island  
103-90-059

Dense eel grass  
in shallows

End of survey:  
Water flows from underground  
source with large opening 3 ft<sup>2</sup>  
Hiked 150 yards over hill, but  
found no stream.

842'  
(555.2 m)

Loose substrate

70% gravel  
20% cobble  
10% bedrock

Stable banks

50% slope for 30'  
20% beyond

Poor spawning area  
and negligible rearing

10/90 p/r  
0% ASA

15' wide pool  
3' deep, rearing  
excellent

277°  
4%

50'  
(15.2 m)

Area is densely  
covered with moss,  
young spruce, devil's  
club and salmonberry

4' riffles  
5" deep

50% sloped banks  
20% beyond

Large suspended spruce

Dense blowdown 792'  
over stream (240 m)  
barrier to migrating  
salmon 10°

60% sand fines 35'  
30% cobble (10.6 m)  
10% sand  
Loose substrate

5' riffles

No fry observed, poor  
rearing and spawning  
habitat through area

Salmonberry,  
fern and  
blueberry

0% ASA  
0/100 p/r

30% for 100'+

Dense blowdown over stream;  
very old, rotter, and densely  
covered with moss and young  
spruce

Young spruce growing  
on logs over stream

Skunk cabbage

Stable banks covered with  
thick mat of moss to wetted  
areas and dense salmonberry

757'  
(229.4 m)

6' riffle

Ferns

0% ASA  
1/100 p/r

0°

3%

80% slope for 30'  
20% beyond

20% slope for 100'+

90'  
(27.3 m)

30' riffles  
6" deep

Accumulation of silt  
on bottom of stream  
17'x 90'x 0 = 0 m<sup>2</sup> ASA

40% boulders 12"-.4"  
50% gravel 2"-.1"  
10% cobble 5"-.2"

15' riffles

## PEAK ESCAPEMENT RECORD

103-90-059

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
8/11/65	9,000			
8/26/71	29,000			
8/20/73	100			
8/3/75	1,250			
8/28/76	5,000			
8/24/77	6,000			
8/16/78	Some present			